

**Amendments to the Specification:**

Please amend page 3, lines 20-26 to read as follows:

FIGURE 1 is a diagrammatic illustration of a nuclear imaging system;

FIGURE[[S]] 2A is a detailed diagrammatic illustration of a first calibration phantom adjacent detector head;

FIGURE 2B is a detailed diagrammatic illustration of a second calibration phantom; [[and,]]

FIGURE 3 is a diagrammatic illustration of a calibration system in accordance with the present invention; and,

FIGURE 4 is a curve illustrating received photon counts versus energy.